



**PHEASANT LANE MALL**  
 NASHUA, NH / TYNGSBOROUGH, MA  
 PHEASANT LANE REALTY TRUST  
 ONE WELLS AVE. NEWTON, MA

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Drawn by	JL
Checked by	JL
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**WATER DISTRIBUTION PLAN**

**Tynsborough Water District Water Sales and Usage Annual Totals**

**2007 - 2014**

**Exhibit 2**

<b>Year</b>	<b>Water Purchased from City of Lowell (CCF)</b>	<b>Water Purchased from PWW (CCF)</b>	<b>TWD Total Annual Purchased Water (CCF)</b>	<b>TWD Average Daily Purchased Water (Gallons)</b>
2007	131,818	4,800	136,618	279,974
2008	123,516	6,730	130,246	266,915
2009	121,162	3,920	125,082	256,332
2010	161,001	2,192	163,193	334,435
2011	149,886	2,010	151,896	311,284
2012	158,753	1,280	160,033	327,957
2013	163,218	570	163,788	335,653
2014	166,448	1,730	168,178	344,649

**Tyngsborough Water District (TWD)**  
**Wholesale Water Agreement Analysis**  
**Exhibit 3**  
**4/22/2015**

Type of Customer -	Current TWD		Proposed TWD	
	Retail		Wholesale	
Annual Usage (CCF) -	1730		121,992	
Monthly Meter Charge <sup>1,2</sup> - \$	903.02	\$	38.75	
Volumetric Charge per CCF <sup>3</sup> - \$	3.32	\$	2.094	
Projected Annual Revenue - \$	16,579.84	\$	255,916.20	
Estimated expenses <sup>4</sup> - \$	1,076.33	\$	63,732.82	
<b>Annual Contribution to PWW operations - \$</b>	<b>15,503.51</b>	<b>\$</b>	<b>192,183.38</b>	
<b>Net Benefit to PWW of TWD becoming wholesale customer - \$</b>	<b>176,679.87</b>			

**Data:**

Minimum Daily Usage - Wholesale -	250,000	gallons per day
PWW investment in Cost of Service Study - \$	7,500	
PWW investment in NHPUC approval - \$	7,500	
PWW investment in new meter - \$	15,000	
Total PWW investment in TWD wholesale - \$	30,000	To be paid up front by TWD
Variable Cost for WTP to produce a CCF of water <sup>5</sup> - \$	0.52	

**Notes:**

1. Retail charges are based on current tariff charges and 2014 usage
2. Monthly Meter charge for Wholesale reflects the expenses associated with reading the meter and producing the bills.
3. Volumetric Charge reflects current retail rate and COSS recommended wholesale rate
4. Estimated expenses reflect the variable cost to produce the water used by TWD.
5. Includes cost of chemicals and power to treat and deliver the water to the south end of Nashua